

What Is Claimed Is:

1. A payment acting service method for acting for a purchaser in settlement of a purchase price in a shop, comprising the steps of:

5 issuing a notification of a purchase price from a POS terminal provided in the shop to a mobile station carried by the purchaser;

signaling, in response to a settlement starting instruction of the purchaser who responds to the notification,
10 a settlement starting request from said mobile station to authentication means through said POS terminal and a mobile communication network;

15 performing an authentication process of the purchaser between said authentication means and said mobile station based on the settlement starting request;

signaling a settlement request from said authentication means to payment acting means when the authentication indicates a correct result; and

20 performing an accounting process of said mobile station by said payment acting means in response to the settlement request and issuing a notification of a result of the accounting process to said POS terminal and said mobile station.

25 2. A payment acting service method as claimed in claim 1, wherein said authentication means uses a user authentication function of an exchange provided for said mobile communication network.

3. A payment acting service method as claimed in claim 1, wherein said payment acting means uses a charge collection function for said mobile station provided for said mobile communication network.

5 4. A payment acting service method as claimed in claim 1, wherein communication between said POS terminal and said mobile station and mobile communication network is performed through a radio interface which can communicate by radio.

10 5. A payment acting service system for acting for a purchaser in settlement of a purchase price in a shop, comprising:

a POS terminal provided in the shop for issuing a notification of the purchase price to a mobile station carried by the purchaser and signaling a settlement starting request from said mobile station to a mobile communication network in
15 response to a settlement starting instruction of the purchaser who responds to the notification;

20 authentication means for receiving the settlement starting request through said mobile communication network to perform an authentication process of the purchaser with said mobile station and producing a settlement request when the authentication indicates a correct result; and

25 payment acting means for performing an accounting process of said mobile station in response to the settlement request and notifying said POS terminal and said mobile station of a result of the accounting process.

6. A payment acting service system as claimed in claim

5, wherein said authentication means is a user authentication function of an exchange provided for said mobile communication network.

7. A payment acting service system as claimed in claim
5, wherein said payment acting means is a charge collection function for said mobile station provided for said mobile communication network.

8. A payment acting service system as claimed in claim
5, wherein said POS terminal has a radio interface which can communicate with said mobile station and said mobile communication network by radio.

10